

September 24, 1982

Memo to File:

RE: Sunshine Mining Company
Burgin Mine
ACT/049/009

On September 21, 1982, Tom Portle and Susan Linner of the Division stopped by the Burgin minesite to ascertain the success of revegetation test plots planted last April 6.

The topsoil plots, especially I and J (plots without mulch) had good growth of sweetclover, and two unidentifiable grasses, as well as weed colonization. Growth may have been in response to recent rains. Plots E through H on neutral waste rock showed no growth at all. Possibly the seed bed was not scarified well enough to provide for seedling growth, as the area appeared highly compacted. Plots C and D (plots with mulch) on acid waste rock had yellow sweetclover and many weeds growing. It is not clear if the different response is due to mulch or microclimatic differences, as the mulch apparently blew away in a windstorm within a week of planting.

It was suggested to Carl Johnson of Sunshine Mining Co. on September 22, 1982, that a quantitative survey of the test plots be done, and a report submitted to the Division, next spring.

SCL
SUSAN C. LINNER
RECLAMATION BIOLOGIST

SCL/mn